

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. **(currently amended):** A human IgM monoclonal antibody ~~reactive that binds to~~ activated human lymphocytes and HIV-infected cells, wherein said the monoclonal antibody being expressed by a gene encoding the monoclonal antibody comprising comprises an H-chain a heavy-chain variable region comprising the amino acid sequence encoded by the nucleotide sequence of with a base sequence represented by sequence No. 1 SEQ ID NO: 1, and a L-chain light-chain variable region comprising the amino acid sequence encoded by the nucleotide sequence of with a base sequence represented by sequence No. 2 SEQ ID NO: 2.

2-3. **(canceled):**

4. **(currently amended):** ~~A cell strain with an~~ A hybridoma producing a human IgM monoclonal antibody that binds to activated human lymphocytes and HIV-infected cells, wherein said hybridoma is deposited under Accession ~~accession~~ No. FERM BP-8379 for producing human IgM monoclonal antibody reacting with the HIV-infected cells according to Claim 1.

5. **(currently amended):** The antibody of Claim 1, wherein said antibody is produced by the hybridoma deposited under Human IgM monoclonal antibody reacting with HIV-infected cells produced by a cell strain with an accession Accession No. FERM BP-8379.